Author Index

Alsop, B., see White, K.G. (30) 253

Benhamou, S., see Dejean, A. (30) 233
Blokland, A., see Raaijmakers, W. (30) 165
Brown, R.E.
Hormonal and experiential factors influencing parental behaviour in male rodents: An integrative approach (30) 1

Cammaerts, M.-C., see Mayade, S. (30) 131

Dawkins, M.S. and Guilford, T.
Colour and pattern in relation to sexual and aggressive behaviour in the Bluehead wrasse *Thalassoma bifasciatum* (30) 245
Dejean, A. and Benhamou, S.
Orientation and foraging movements in a patchy environment by the ant *Serrastruma lujae* (formicidae-myrmicinae) (30) 233
De Jong, R., see Kaiser, L. (30) 175
Dyer, A.B., see Lickliter, R. (30) 185

Fetterman, J.G., see Morgan, L. (30) 259
Foster, T.M., see MacKenzie, J.G. (30) 143

Galef, Jr., B.G.
Individual differences in responses of Norway rats to social induction of food preferences (30) 309
Giacoma, C., see Lupo, C. (30) 93
Guilford, T., see Dawkins, M.S. (30) 245

Halliday, T.R., see Lupo, C. (30) 93

Kaiser, L. and De Jong, R.
Multi-odour memory influenced by learning order (30) 175
Killeen, P.R., see Morgan, L. (30) 259
König, B.
Maternal investment of communally nursing female house mice (*Mus musculus domesticus*) (30) 61
Kraemer, P.J.
Attention to uninformative features expressed by pigeons in a duration matching-to-sample task (30) 291

Lickliter, R., Dyer, A.B. and McBride, T.
Perceptual consequences of early social experience in precocial birds (30) 185
Lodi, L., see Lupo, C. (30) 93
Lupo, C., Lodi, L., Giacoma, C. and Halliday, T.R.
Testosterone binding sites in the brain, plasma sex hormones and reproductive behaviour in males of the toad *Bufo bufo* (30) 93

Machado, A.
Learning variable and stereotypical sequences of responses: Some data and a new model (30) 103
MacKenzie, J.G., Foster, T.M. and Temple, W.
Sound avoidance by hens (30) 143
Maes, J.H.R. and Vossen, J.M.H.
Competition for associative strength between a punctate signal and contextual stimuli: Effect of signal preexposure versus context preexposure (30) 29
Mayade, S., Cammaerts, M.-C. and Suzzoni, J.-P.
Home-range marking and territorial marking in *Cataglyphis cursor* (Hymenoptera, Formicidae) (30) 131
McBride, T., see Lickliter, R. (30) 185
Morgan, L., Killeen, P.R. and Fetterman, J.G.
Changing rates of reinforcement perturbs the flow of time (30) 259

Nonacs, P. and Reeve, H.K.
Opportunistic adoption of orphaned nests in paper wasps as an alternative reproductive strategy (30) 47

Plowright, C.M.S.
Within-session discrimination between times of reinforcers in the minutes range by pigeons (30) 283
Pryce, C.R.
The regulation of maternal behaviour in marmosets and tamarins (30) 201

Raaijmakers, W., Blokland, A. and Van der Staay, F.J.
Spatial discrimination learning in rats as an animal model of cognitive ageing (30) 165
Reebs, S.G.
A test of time-place learning in a cichlid fish (30) 273
Reeve, H.K., see Nonacs, P. (30) 47

Sandnabba, N.K.
Female aggression during gestation and lactation in two strains of mice selected for isolation-induced intermale aggression (30) 157

Solomon, N.G.
Preference for own versus conspecific pups by inbred and outbred rats (30) 317
Stefanova, I., see Veissier, I. (30) 75
Suzzoni, J.-P., see Mayade, S. (30) 131

Takahashi, M.
Psychological distance to reward in monkeys (30) 299
Temple, W., see MacKenzie, J.G. (30) 143

Van der Staay, F.J., see Raaijmakers, W. (30) 165
Veissier, I. and Stefanova, I.
Learning to suckle from an artificial teat within groups of lambs: Influence of a knowledgeable partner (30) 75
Vossen, J.M.H., see Maes, J.H.R. (30) 29

Watanabe, S.
Object-picture equivalence in the pigeon: An analysis with natural concept and pseudoconcept discriminations (30) 225
White, K.G., Alsop, B. and Williams, L.
Prototype identification and categorization of incomplete figures by pigeons (30) 253
Williams, L., see White, K.G. (30) 253

Subject Index

Abdominal gland, (30) 131
Adoption, (30) 47
Age difference, (30) 165
Aggression, (30) 245
Agonistic behaviour, (30) 131
Alloparental care, (30) 47
Alternative reproductive strategy, (30) 47
Animal cognition, (30) 291
Ant, (30) 233
Artificial suckling, (30) 75
Attention, (30) 291
Aversive conditioning, (30) 29

Behavioral Theory of Timing (BeT), (30) 259
Behavioral variability, (30) 103
Bluehead wrasse, (30) 245
Bufo bufo, (30) 93

Cataglyphis cursor, (30) 131
Categorization, (30) 253
Choose-short effect, (30) 259
Cichlasoma nigrofasciatum, (30) 273
Colony founding, (30) 47
Colour change, (30) 245
Communal care, (30) 317
Communal nursing, (30) 61
Concurrent chain, (30) 299
Contextual stimuli, (30) 29
Convict cichlid, (30) 273
Courtship, (30) 245

Developmental systems, (30) 185
Discrimination, (30) 225, (30) 283
Discrimination learning, (30) 291
Domestic fowl, (30) 143
Dynamic model, (30) 103

Early perceptual preferences, (30) 185
Ecology, (30) 1
Experience, (30) 201

Filial imprinting, (30) 185
Food preference, (30) 309
Foraging, (30) 233, (30) 273, (30) 283
Freezing, (30) 29
Frequency-dependent selection, (30) 103

Genetic correlation, (30) 157
Genetic similarity, (30) 317
Gestation, (30) 157

Home-range marking, (30) 131
Hormone, (30) 1
House mouse, (30) 61
Hymenoptera, (30) 175

Individual diference, (30) 309
Information, (30) 299
Intention, (30) 245
Irrelevant stimuli, (30) 291

Lactation, (30) 157
Learning, (30) 175
Leptopilina boulardi, (30) 175
Litter size, (30) 61

Male, (30) 1
Marmoset, (30) 201
Maternal, (30) 201
Maternal aggression, (30) 157
Maternal behavior, (30) 317
Mating system, (30) 1
Memory, (30) 165
Monkey, (30) 299
Motivation, (30) 201
Mouse, (30) 157

Natural concept, (30) 225
Noise, (30) 143

Observational learning, (30) 75
Olfaction, (30) 175
Orientation, (30) 175, (30) 233

Pacemaker speed, (30) 259
Parasitoid, (30) 175
Parental investment, (30) 61
Paternal behaviour, (30) 1
Path analysis, (30) 233
Picture-object, (30) 225
Pigeon, (30) 103, (30) 253, (30) 259, (30) 283, (30) 291
Polistes dominulus, (30) 47

Preexposure, (30) 29
Preference, (30) 299
Prototype identification, (30) 253
Psychological distance, (30) 299
Punctate stimuli, (30) 29

Rat, (30) 29, (30) 165
Recognition, (30) 317
Reinforcement rate, (30) 259
Relatedness, (30) 61
Reproductive behaviour, (30) 93
Reproductive success, (30) 61
Response bias, (30) 259
Retrieval, (30) 317
Rodent, (30) 1

Segmented schedule, (30) 299
Sex differences, (30) 157
Sex steroid, (30) 93
Sex steroid, (30) 201
Sexual experience, (30) 1
Sheep, (30) 75
Signalling, (30) 245
Social behaviour, (30) 75
Social learning, (30) 309
Sociogenesis, (30) 185
Sound avoidance, (30) 143
Spatial discrimination, (30) 165
Stable pattern, (30) 103
Stimulus selection, (30) 291
Strain difference, (30) 165

Tamarin, (30) 201
Temporal discrimination, (30) 259
Territorial marking, (30) 131
Time, (30) 283
Time perception, (30) 259
Time-place learning, (30) 273
Toad, (30) 93

Wasp, (30) 47
Weaning, (30) 61
Welfare, (30) 143